

YSZd = dense YSZ

YSZp = porous YSZ

□, $P_{\max} = 5.1 \text{ mW/cm}^2$

○, $P_{\max} = 19.4 \text{ mW/cm}^2$

△, $P_{\max} = 34.6 \text{ mW/cm}^2$

▼, $P_{\max} = 4.0 \text{ mW/cm}^2$

●, $P_{\max} = 46.6 \text{ mW/cm}^2$

FIG.1

FIG.2A

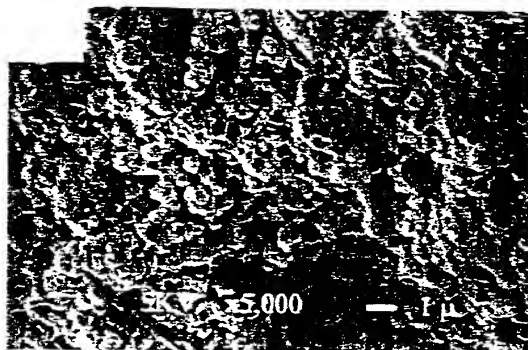
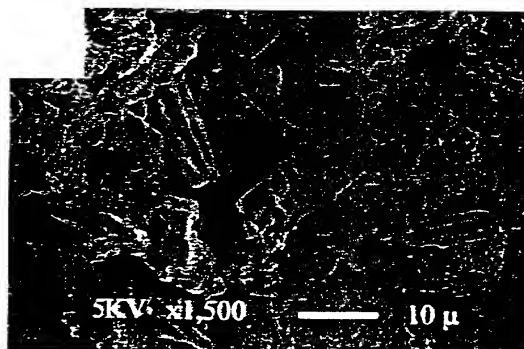
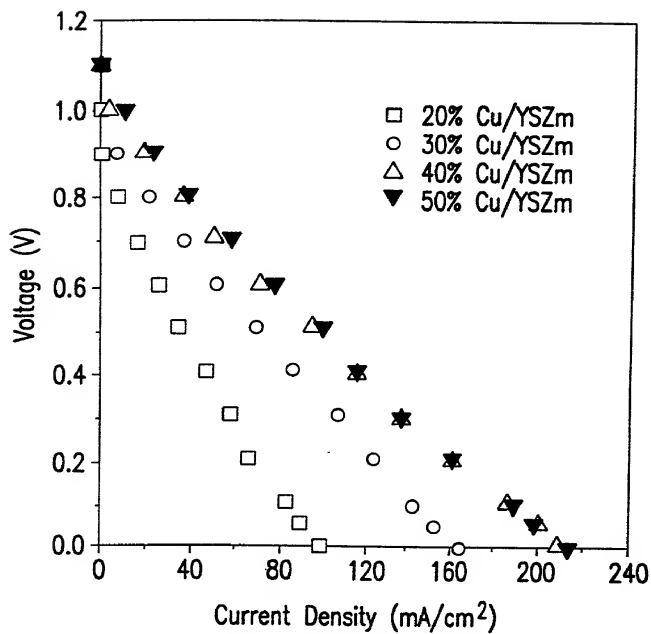


FIG.2B



FIG.2C





□, $P_{\max} = 18.6 \text{ mW/cm}^2$
 ○, $P_{\max} = 34.2 \text{ mW/cm}^2$
 △, $P_{\max} = 46.6 \text{ mW/cm}^2$
 ▼, $P_{\max} = 48.6 \text{ mW/cm}^2$

FIG.3

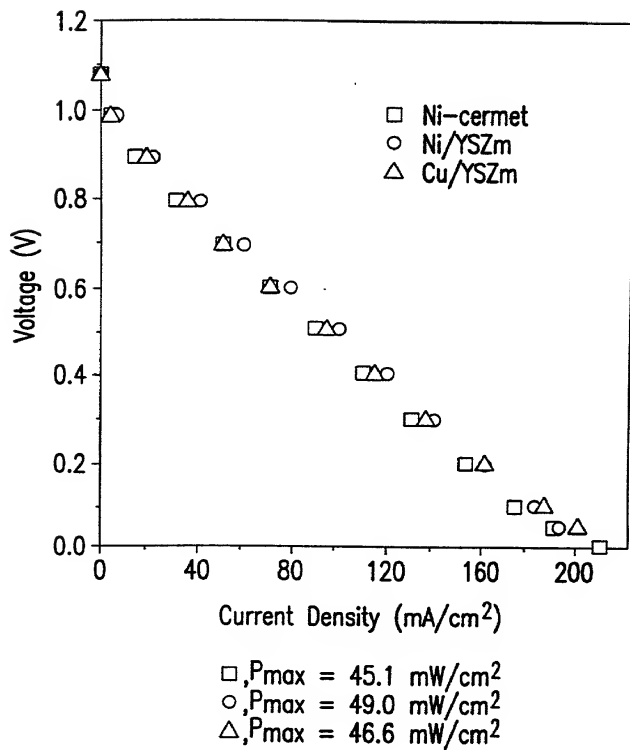


FIG.4

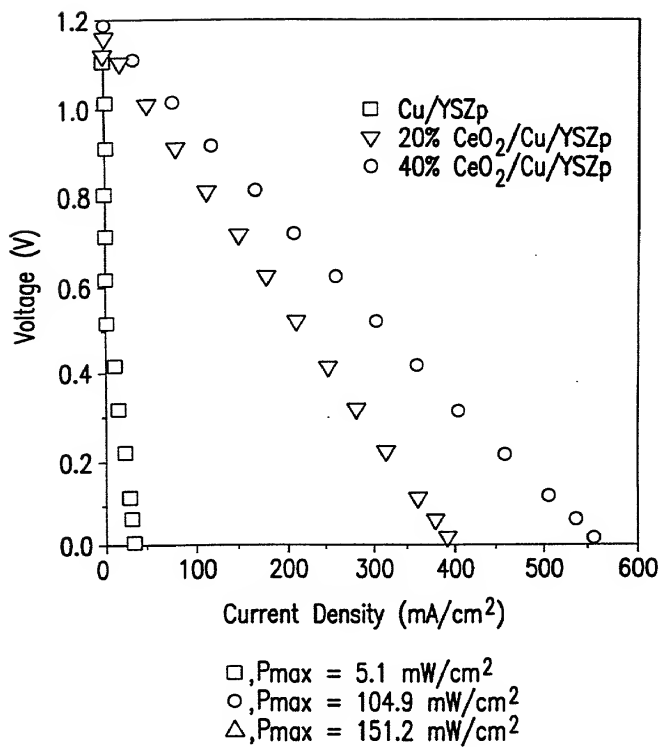


FIG.5

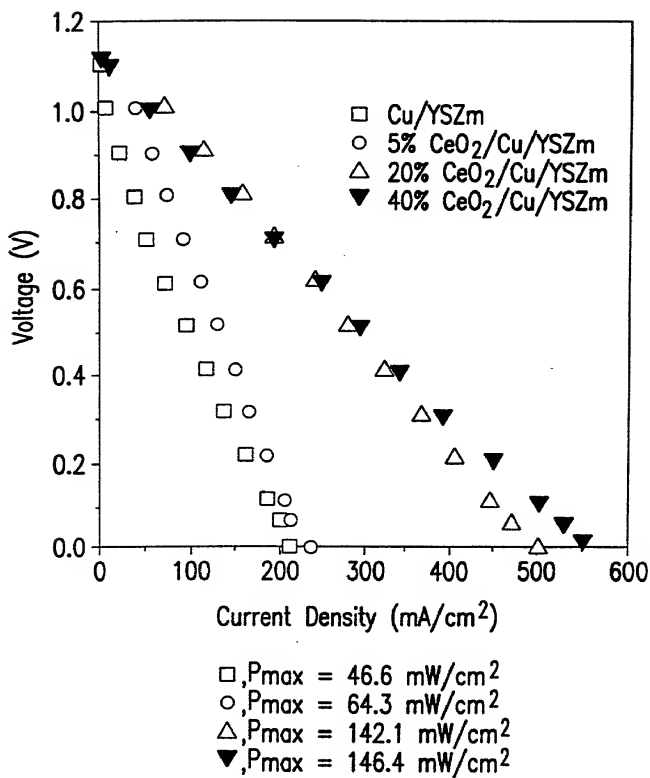
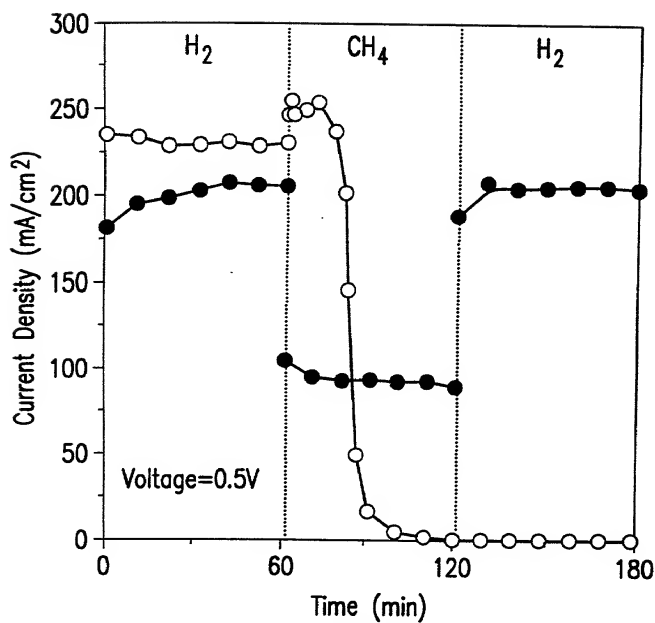


FIG.6



● - Cu/CeO₂/YSZ
○ - Ni/CeO₂/YSZ

Temperature = 800°F

FIG.7

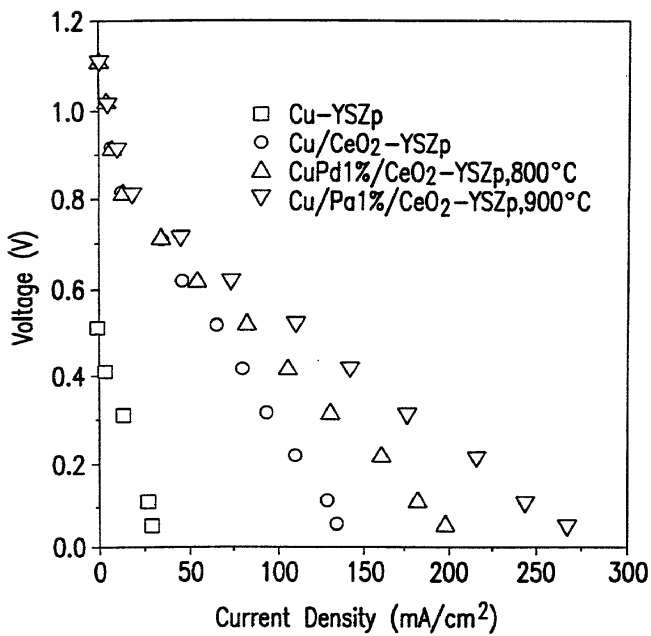
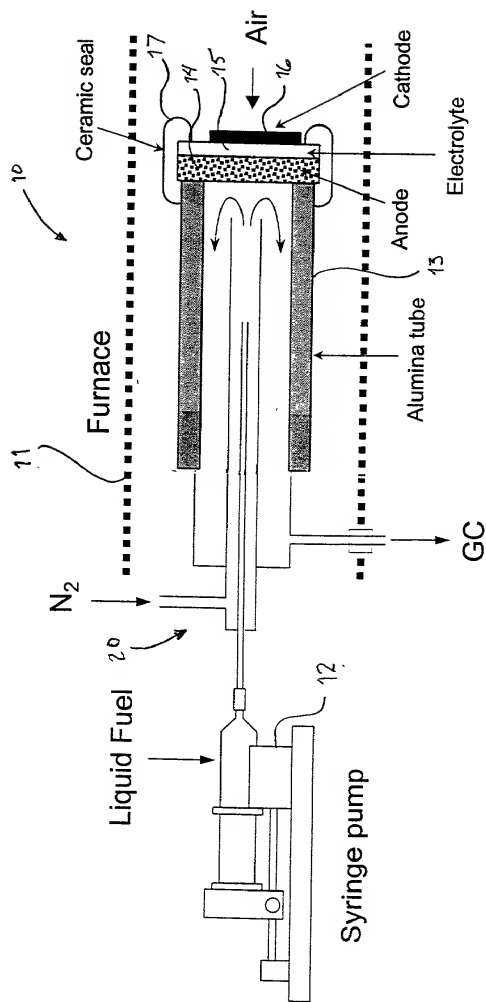


FIG.8



6. 5. 7.

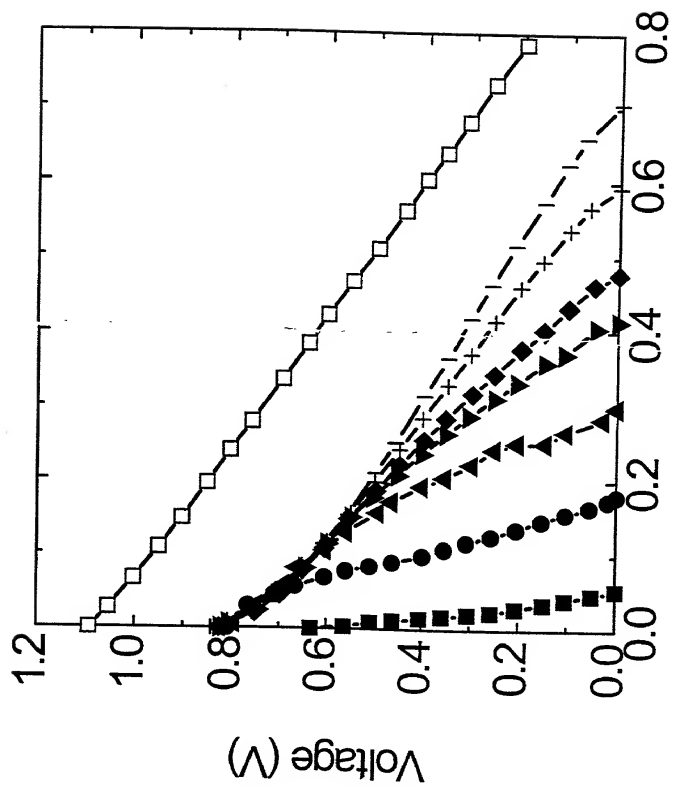


Fig. 10

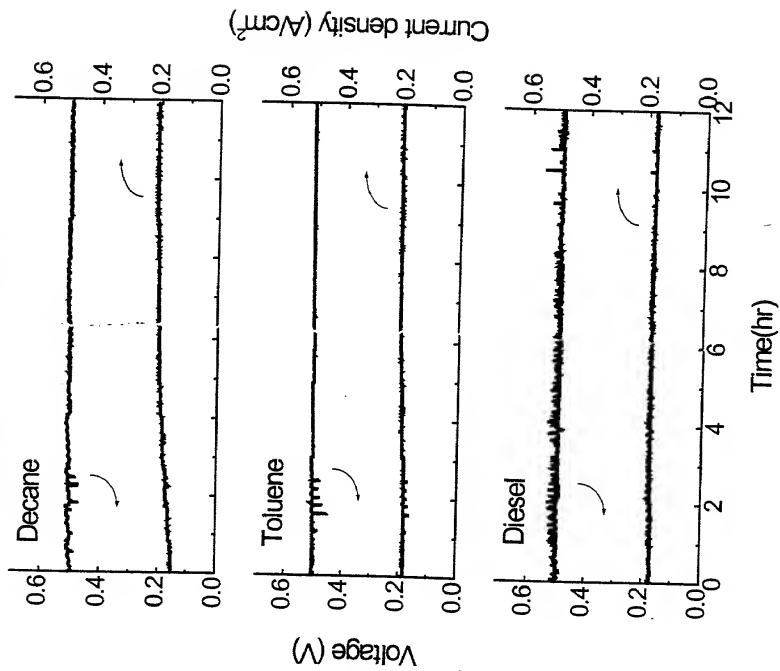


Fig. 11

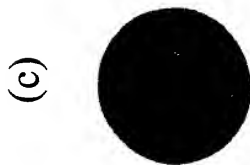
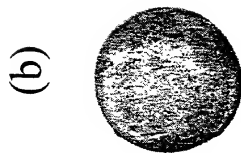
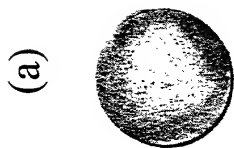


Fig. 12